

All messages from thread

From: Kevin Tung (kev_tung@ix.netcom.com)
 Subject: Dictionary Object in the MSMQ message body
 Newsgroups: [microsoft.public.msmq.programming](#)
 Date: 1999/02/27

Message 1 in thread

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Hi, newbie here..

I've been trying to get this to work for sometime.. For my application, I need to send a collection of information from one machine to another.. I would like to be able to send a 'dictionary' object (built-in for ASP) as the body of a MSMQ message.. does anyone have any code for doing that ?

In specific, I'm having trouble setting the message body to be the dictionary object before sending it..

```
Set objMSMQMessage.Body = DictionaryObj
```

VB tells me 'object required'..

I must be mising a lot of steps.... does anyone have any tips for doing this ?

Thanks,
 Kevin

From: Ilan Caron (ilanc@microsoft.com)
 Subject: Re: Dictionary Object in the MSMQ message body
 Newsgroups: [microsoft.public.msmq.programming](#)
 Date: 1999/02/28

Message 2 in thread

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Couple of things (this is a great idea btw):

- your dictionary object needs to support IPersistStream (pretty easy to do -- I think we posted a similar sample on the MSMQ PSS web page -- via www.microsoft.com/msmq)
- the assignment syntax should be: `objMSMQMessage.Body = DictionaryObj` i.e. use Let assignment as opposed to Set assignment. The reason is that the rhs object's contents are actually copied to the message buffer as opposed to a reference to object (which is what Set assignment is for).

Kevin Tung wrote in message <7b9sb5\$mgm@sjx-ixn10.ix.netcom.com>...

>Hi, newbie here..

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>Thanks,

>Kevin

>

>

From: Kevin Tung (kev_tung@ix.netcom.com) Subject: Re: Dictionary Object in the MSMQ message body Newsgroups: microsoft.public.msmq.programming Date: 1999/03/01	Message 3 in thread View this article only
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Thanks IIan !

To be more specific, the dictionary object is obtained from

```
Set dictionaryObj = Server.CreateObject("Scripting.Dictionary") 'from
sccrrun.dll
```

Changing the code as you've pointed out cause run-time error '430'
Class does not support Automation or does not support expected interface..

I guess the dictionary object doesn't implement the IPersistStream method.

Ilan Caron wrote in message ...

>Couple of things (this is a great idea-btw):

>- your dictionary object needs to support IPersistStream (pretty easy to

>do -- I think we posted a similar sample on the MSMQ PSS web page -- via

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>Kevin Tung wrote in message <7b9sb5\$mgm@sjx-ixn10.ix.netcom.com>...

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>>need to send a collection of information from one machine to another.. I

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>>I must be missing a lot of steps.... does anyone have any tips for doing this

>>?

>>

>>Thanks,

>>Kevin

>>

>>

>

>

From: David Goldstein (daveg@comanagecorp.com) Subject: Re: Dictionary Object in the MSMQ message body Newsgroups: microsoft.public.msmq.programming Date: 1999/03/01	Message 4 in thread View this article only
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(please forgive this ad)

I am releasing a set of collection components for beta this week that support IPersistStream, are notably faster than VB's, have a richer API and in most cases consume less memory. Included among these are a StringArray, LongArray, ValueArray, Dictionary, and ValueMap.

You will find that the Collection and Dictionary classes do not support persistence.

If you are interested, please send e-mail to:
support@idcsoftware.com

and we will sign you up for this week's distribution. Our only fault is the lack of a nice help file... all the documentation is currently in Word.

The DLL is under 200K with no dependencies. Targeted price (to be sold *sometime* this year) will be in the \$79-\$129 range, but *active* beta testers will receive the final release for free.

- Dave Goldstein

>Changing the code as you've pointed out cause run-time error '430'
>Class does not support Automation or does not support expected interface..
>
>I guess the dictionary object doesn't implement the IPersistStream method.

From: Kevin Tung (kev_tung@ix.netcom.com) Subject: Re: Dictionary Object in the MSMQ message body Newsgroups: microsoft.public.msmq.programming Date: 1999/03/02	Message 5 in thread View this article only
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Thanks again !!

KT

Ilan Caron wrote in message ...

>I'm enclosing parts of a sample implementation of an PersistentDictionary
>object that implements IDictionary and IPersistStream. The IDictionary
>implementation in fact simply reuses the scripting dictionary implementation
>you mention below. Implementing IPersistStream amounts to providing
>definitions for:

>GetClassID, Save, Load, IsDirty, GetSizeMax.

>

>The enclosed sample basically is the class definition for CMSMQDictionary
>which implemented IDictionary and IPersistStream with a lot of "ATL-like"
>stuff removed (I originally wrote this in a primitive precursor to ATL --
>it'd be great if you want to take it and ATL-ify it).

>

>The current incarnation only supports dictionaries whose (key, value) pairs
>are variants of numeric or string types.

>

>Kevin Tung wrote in message <7bd96i\$95k@dfw-ixnews9.ix.netcom.com>...

>>Thanks Ilan !

>>

>>To be more specific, the dictionary object is obtained from

>>

>>Set dictionaryObj = Server.CreateObject("Scripting.Dictionary") 'from
>>scrrun.dll

>>

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Read the rest of this message... (31 more lines)

From: Jim Sensel (sbox@sensel.com)	Message 6 in thread
Subject: Re: Dictionary Object in the MSMQ message body	
Newsgroups: microsoft.public.msmq.programming	
Date: 1999/03/03	View this article only

The Wrox Press book, MTS MSMQ with VB and ASP recommends using an ADO recordset. Is there a reason that you're not going that route?

Jim

From: David Goldstein (daveg@comanagecorp.com)	Message 7 in thread
Subject: Re: Dictionary Object in the MSMQ message body	
Newsgroups: microsoft.public.msmq.programming	
Date: 1999/03/03	View this article only

Recordsets are very heavy, from what I hear.

If you are already using a recordset, great! If not, it is far more appropriate to use a well-designed persistent collection.

Of course, according to your performance needs and app behaviors, the cost of using recordsets just because they are the closest thing you have to a "free" persistent collection may be irrelevant...

That's the big reason why I have built persistent collections for resale in the first place!

- Dave

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